

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

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CROPS

Good weather conditions over the past week meant good drying conditions for crops and good conditions for harvesting corn, soybeans, and sorghum. The greatest harvest activity was in the central and southern districts. Farmers were also mowing set-aside acres, preparing for harvest, baling hay, chopping corn silage, seeding CRP acres and alfalfa, preparing ground for wheat, tending to livestock, and picking apples and peaches. The moisture of corn grain has been falling rapidly, aided by good crop-drying weather. Shriveled beans and withered pods have also been reported in some areas due to the hot, dry August. For the week of August 29-September 4, there was an average of six and one-quarter days reported as suitable for fieldwork.

By September 6, 99% of the **CORN** acreage was in the dent stage compared to 99% last year and the 5-year average (1982-86) of 88%. Seventy percent of the corn was mature compared to 49% last year and the average of 29%. Six percent of the corn acreage was harvested, compared to 3% last year and the average of 1%. Condition of the corn crop on September 4 was reported to be 14% excellent, 67% good, and 19% fair.

By September 6, 68% of the **SOYBEAN** acreage was turning yellow compared to 58% last year and the average of 43%. Forty percent of the soybean crop had started shedding leaves, compared to 31% last year and the average of 17%. Four percent of the soybean crop was harvested, compared to 2% last year and the average of 1%. Condition of the soybean crop on September 4 was reported to be 4% excellent, 63% good, 31% fair, and 2% poor.

Condition of the **SORGHUM** crop on September 4 was rated as 8% excellent, 75% good, and 17% fair. By September 6, 90% of the sorghum acreage was turning color compared to 73% last year. Fifty percent of the sorghum crop was mature compared to 29% last year. Four percent of the sorghum acreage was harvested, ahead of both last year and the average.

By September 6, the third cutting of **ALFALFA HAY** was 87% complete, compared to 79% last year and the average of 82%. Condition of the crop on September 4 was reported as 12% excellent, 59% good, 22% fair, and 7% poor.

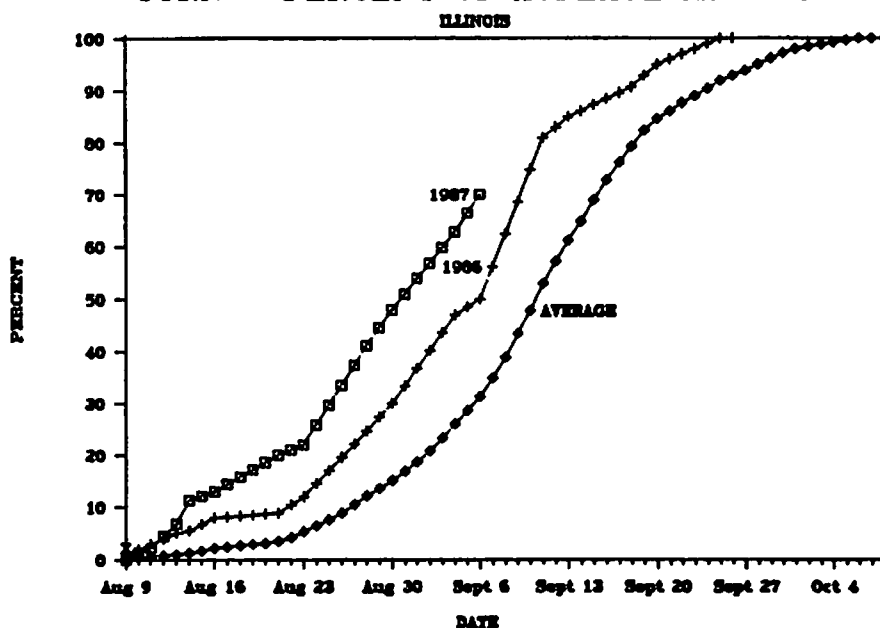
PASTURE condition on September 4 was reported to be 6% excellent, 42% good, 39% fair, 12% poor, and 1% very poor.

SOIL MOISTURE on September 4 was reported as 41% short, 51% adequate, and 8% surplus.

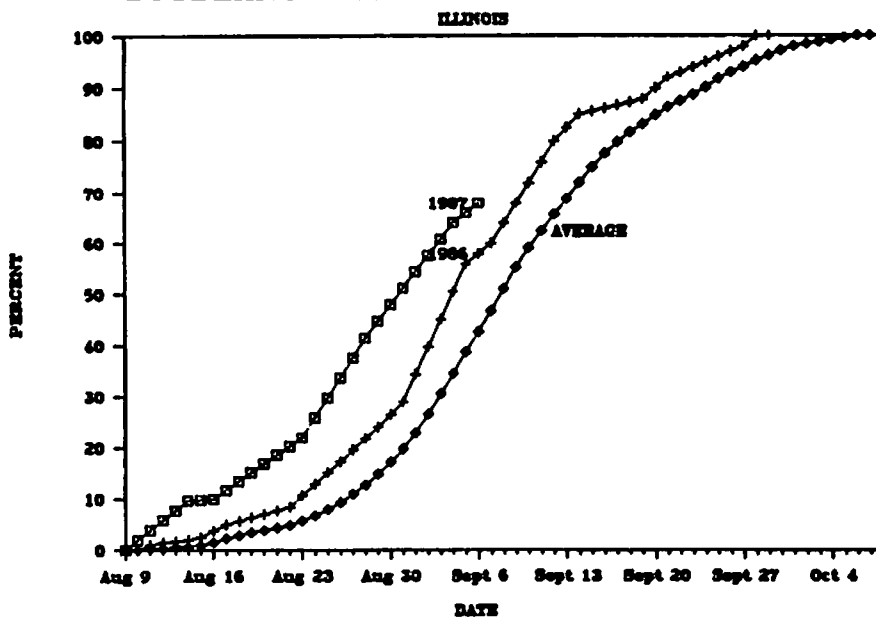
ILLINOIS CROP REPORTING DISTRICT SUMMARY

| District | Soybean | Days suit- | Soil | | |
|----------------|-------------------------|-------------------------|------------------|----------|---------|
| | acreae % | able for | moisture percent | | |
| | turning yellow | fieldwork | Short | Adequate | Surplus |
| <hr/> | | | | | |
| | Week ending September 6 | Week ending September 4 | | | |
| Northwest | 65 | 5.5 | 5 | 80 | 15 |
| Northeast | 40 | 5.0 | 5 | 60 | 35 |
| West | 70 | 7.0 | 45 | 55 | 0 |
| Central | 85 | 5.5 | 45 | 50 | 5 |
| East | 70 | 6.0 | 25 | 60 | 15 |
| West-Southwest | 75 | 7.0 | 50 | 50 | 0 |
| East-Southeast | 70 | 6.5 | 75 | 25 | 0 |
| Southwest | 60 | 6.5 | 25 | 75 | 0 |
| Southeast | 60 | 6.5 | 85 | 15 | 0 |
| <hr/> | | | | | |
| State | 68 | 6.25 | 41 | 51 | 8 |
| 5-Yr. Avg. | 43 | | | | |

CORN - PERCENT OF ACREAGE MATURE



SOYBEANS - ACREAGE TURNING YELLOW



WEATHER

FOR THE WEEK ENDING MONDAY, SEPTEMBER 7, TEMPERATURES AVERAGED A DEGREE OR TWO BELOW NORMAL IN MOST SECTIONS OF ILLINOIS, BUT THE RANGE IN TEMPERATURES WAS WIDE. EXTREME HIGHS REACHED THE MID-90'S IN THE SOUTH AT THE END OF THE PERIOD FOLLOWING LOWS IN THE LOW 40'S IN THE NORTH EARLY IN THE PERIOD.

THE DRY AIR THAT BROUGHT THE MILD DAYS AND COOL NIGHTS ALSO YIELDED VERY LITTLE PRECIPITATION. NORTHWEST AND WEST CENTRAL LOCATIONS PICKED UP VARYING AMOUNTS OF MOISTURE FOR THE PERIOD, GENERALLY LESS THAN A HALF-INCH AND AVERAGING CLOSER TO A QUARTER.

AVERAGE SOIL TEMPERATURES RANGED MOSTLY BETWEEN MID-60'S AND MID- 70'S FOR THE WEEK WITH MINIMUMS AT THE FOUR-INCH DEPTH FALLING AS LOW AS THE UPPER 50'S IN THE NORTH. MAXIMUMS STILL REACHED 90 DEGREES IN THE EXTREME SOUTH. BASE 50 GROWING DEGREE DAY ACCUMULATIONS RANGED FROM NEAR 120 NORTH TO 150 EXTREME SOUTH.

MOSTLY DRY WEATHER IS IN THE OUTLOOK FOR THE WEEK AHEAD EXCEPT FOR A CHANCE OF SHOWERS OVER NORTHERN ILLINOIS ON FRIDAY. COOLER AIR WILL CONTINUE TO DOMINATE WITH DAILY HIGHS THURSDAY THROUGH SATURDAY MOSTLY IN THE 70'S AND LOWS FROM MID-50'S TO MID-60'S. THE 6 TO 10-DAY OUTLOOK FOR SEPTEMBER 13 THROUGH 17 INDICATES BOTH TEMPERATURES AND PRECIPITATION REMAINING BELOW NORMAL.

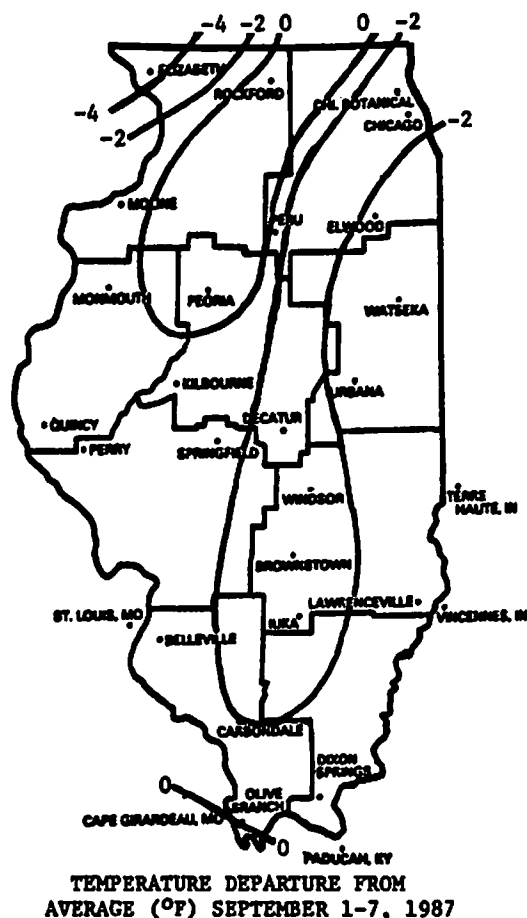
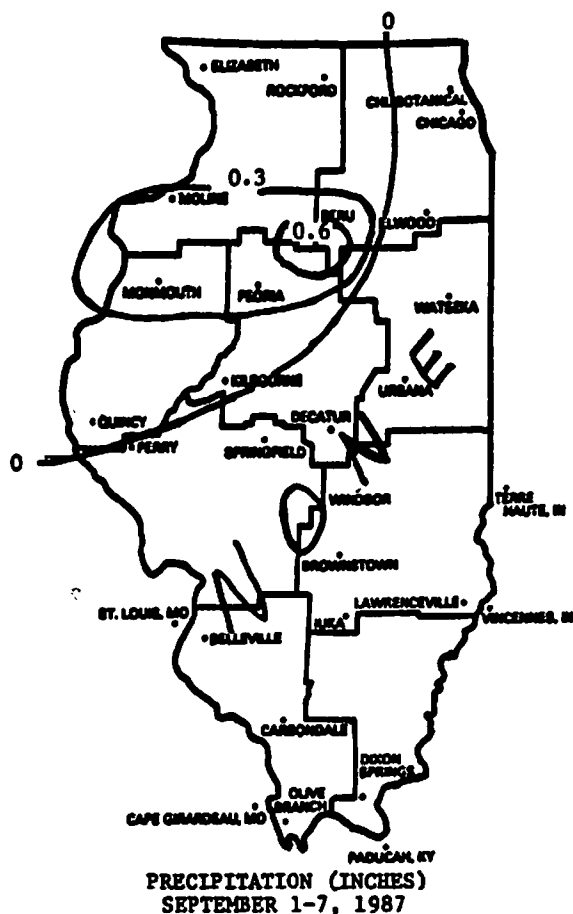
Week ending 8 A.M. Monday, September 7, 1987

| Location | : Temperatures : | | | : Precipitation : | | | : Growing Degree Days(50F) | | |
|---------------|------------------|----------|-----------|-------------------|----------|----------------|----------------------------|-----------|---------------|
| | : Maxi-: | : Mini-: | : Depar-: | : Curr.: | : Since: | : Departure : | : Curr.: | : Since : | : Departure |
| | : mum : | : mum : | : ture : | : week : | : May 1: | : since May 1: | : week : | : May 1: | : since May 1 |
| ELIZABETH | 76 | 47 | -4 | 0.05 | 13.72 | -3.34 | 104 | 2564 | 237 |
| ROCKFORD | 77 | 54 | 0 | 0.02 | 25.05 | 7.50 | 118 | 2743 | 385 |
| CHICAGO | 79 | 55 | 0 | 0.00 | 25.00 | 9.68 | 121 | 2806 | 438 |
| CHI BOTANICAL | 76 | 55 | -3 | 0.00 | 22.35 | 6.38 | 115 | 2610 | 29 |
| ELWOOD | 79 | 52 | -1 | 0.00 | 17.92 | 1.41 | 122 | 2766 | 358 |
| WATSEKA | 79 | 51 | -2 | 0.00 | 15.09 | -2.41 | 116 | 2782 | 247 |
| PERU | 79 | 52 | -3 | 0.66 | 16.95 | 0.85 | 120 | 2808 | 174 |
| MOLINE | 79 | 54 | -1 | 0.31 | 22.44 | 4.31 | 126 | 2957 | 373 |
| PEORIA | 80 | 56 | 0 | 0.17 | 12.05 | -3.99 | 130 | 2978 | 365 |
| KILBOURNE | 82 | 52 | -2 | 0.10 | 10.52 | -6.44 | 112 | 3031 | 299 |
| MONMOUTH | 79 | 54 | -1 | 0.36 | 11.57 | -5.17 | 125 | 2875 | 228 |
| QUINCY | 81 | 55 | -1 | 0.12 | 15.32 | -2.33 | 133 | 3069 | 297 |
| PERRY | 82 | 51 | -3 | 0.32 | 11.82 | -4.57 | 129 | 2883 | 62 |
| SPRINGFIELD | 83 | 56 | 0 | 0.00 | 12.06 | -2.55 | 140 | 3141 | 335 |
| DECATUR | 82 | 54 | -2 | 0.00 | 15.57 | -1.71 | 130 | 3038 | 229 |
| URBANA | 81 | 54 | -1 | 0.00 | 17.47 | 1.13 | 124 | 2968 | 293 |
| WINDSOR | 83 | 58 | 0 | 0.00 | 12.25 | -4.31 | 144 | 3028 | 213 |
| TERRE HAUTE | 82 | 53 | -1 | 0.00 | 15.03 | -1.31 | 132 | 2996 | 290 |
| ST LOUIS | 84 | 59 | NA | 0.00 | 15.76 | NA | 152 | 3410 | NA |
| BELLEVILLE | 86 | 55 | -1 | 0.00 | 16.62 | 1.32 | 143 | 3173 | 257 |
| BROWNSTOWN | 87 | 53 | 0 | 0.00 | 10.42 | -6.49 | 140 | 3162 | 339 |
| IUKA | 87 | 52 | -2 | 0.00 | 13.24 | -1.95 | 135 | 3016 | 83 |
| LAWRENCEVILLE | 86 | 54 | NA | 0.00 | 12.67 | NA | 142 | 3096 | NA |
| VINCENNES | 85 | 55 | -1 | 0.00 | 14.05 | -3.37 | 144 | 3111 | 268 |
| DIXON SPRINGS | 88 | 55 | -2 | 0.00 | 15.75 | -0.67 | 147 | 3229 | 180 |
| PADUCAH | 90 | 55 | -1 | 0.00 | 9.22 | -7.68 | 150 | 3378 | 293 |
| OLIVE BRANCH | 87 | 57 | 0 | 0.01 | 11.47 | -5.92 | 150 | 3305 | 291 |
| CARBONDALE | 86 | 52 | -3 | 0.00 | 13.61 | -3.21 | 136 | 3116 | 164 |
| C GIRARDEAU | 88 | 58 | NA | 0.00 | 16.12 | NA | 154 | 3424 | NA |

NEWSPAPER TIME VALUE

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CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.